LAPS Rec'd PCT/PTO 17 MAR 2006

PTO/SB/17 (12-04/2)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known Effective on 12/08/2004. 10/523,107-Conf. #8412 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). **Application Number TRANSMITTAL** February 3, 2005 Filing Date First Named Inventor Yutaka INOUE For FY 2005 Not Yet Assigned **Examiner Name** 2875 Applicant claims small entity status. See 37 CFR 1.27 Art Unit

| TOTAL AMOUNT OF PAYI   | MENT (                           | (\$) 2,100.0                        | )0 A                | ttomey Docket                                 | No. 13                         | 254-0268PUS             | 1ذ          |                |
|--|----------------------------------|-------------------------------------|---------------------|---|--------------------------------|-------------------------|-------------|----------------|
| METHOD OF PAYMENT  | T (check all th                  | ıat apply)                          |                     |   |                                |                         |             |                |
| X Check Credit Co  | لــا                             | Ioney Order<br>er: <u>02-2448</u> 1 | None Deposit Accoun | L.J `   | (please identif<br>Birch, Stev | fy):<br>wart, Kolasch   | & Birch,    | LLP            |
| For the above-identi   | ified deposit a                  | ccount, the C                       | Director is he      | ereby authorize                               | ed to: (check                  | k all that apply)       |             |                |
| Charge fee(s)  | •                                |                                     |                     | i i   | ,                              | icated below, ex        |             | the filing fee |
| Charge any ac  |                                  |                                     | ment of             | x Credit                                      | any overpay                    | yments                  |             |                |
| FEE CALCULATION  |                                  |                                     |                     |   |                                |                         |             |                |
| 1. BASIC FILING, SEARCH  | •                                |                                     |                     |   |                                |                         |             |                |
|  |                                  | 3 FEES<br>Smal <u>l Entity</u>      | SEAK                | RCH FEES Small Entity                         |                                | ATION FEES Small Entity |             |                |
| Application Type   | Fee (\$)                         | Fee (\$)                            | Fee (\$)            | Fee (\$)                                      | Fee (\$)                       | Fee (\$)                | Fees '      | Paid (\$)      |
| Utility  | 300                              | 150                                 | 500                 | 250   | 200                            | 100                     |             |                |
| Design   | 200                              | 100                                 | 100                 | 50  | 130                            | 65                      |             |                |
| Plant  | 200                              | 100                                 | 300                 | 150   | 160                            | 80                      |             |                |
| Reissue  | 300                              | 150                                 | 500                 | 250   | 600                            | 300                     |             |                |
| Provisional  | 200                              | 100                                 | 0                   | 0   | 0                              | 0                       |             |                |
| 2. EXCESS CLAIM FEES   |                                  |                                     |                     |   |                                |                         |             | Small Entity   |
| Fee Description  |                                  |                                     |                     |   |                                |                         | Fee (\$)    | Fee (\$)       |
| Each claim over 20 (includi  |                                  |                                     |                     |   |                                |                         | 50          | 25             |
| Each independent claim ove   | er 3 (including                  | g Reissues)                         |                     |   |                                |                         | 200         | 100            |
| Multiple dependent claims  | _                                |                                     |                     |   |                                |                         | 360         | 180            |
| Total Claims Extra C   |                                  | ee (\$)                             | Fee Pai             |   |                                | Iltiple Depende         |             | _              |
| 3820 =1  | 8 x 50                           | 0.00 = _                            | 900.0               | <u>)U                                    </u> | ree                            | <u> </u>                | Fee Paid (  | <u>\$)</u>     |
| Indep. Claims Extra (  | Claime Fr                        | ee (\$)                             | Fee Paid            | ₩ ( <b>¢</b> )                                |                                | <del></del>             |             | _              |
|  |                                  | 00.00 =                             | 1,200.              |   |                                |                         |             |                |
| 3. APPLICATION SIZE FEE  | <del></del>                      |                                     |                     | .00   |                                |                         |             |                |
| If the specification and dra<br>listings under 37 CFR 1<br>sheets or fraction thereo | awings exceed<br>1.52(e)), the a | pplication siz                      | ze fee due is       | s \$250 (\$125 f                              | for small ent                  |                         | dditional 5 | 50             |
|  | ktra Sheets                      |                                     |                     | itional 50 or frac                            |                                |                         | <u>Fee</u>  | Paid (\$)      |
| - 100 =  |                                  | /50                                 | (rc                 | ound up to a who                              | le number) x                   | · •                     | <u> </u>    |                |
| 4. OTHER FEE(S)  | #130 can                         | ′11 nm                              | .t. !!==a           | À   |                                |                         | <u>Fees</u> | Paid (\$)      |
| Non-English Specification  |                                  | (no smail eii                       | itity discour       | 11)   |                                |                         |             |                |
| Other (e.g., late filing su  | rcharge):                        | <u>///</u>                          | <u> </u>            |   |                                |                         |             |                |
| SUBMITTED BY   | 10/12                            | <del>/</del> //                     |                     | i Ma  |                                |                         |             |                |
| Signature /  | 1.11/1                           | yes                                 |                     | egistration No.<br>ttorney/Agent)             | 19,382                         | Telephone               | (703) 20    | )5-8000        |
| Name (Print/Type) Terrell C.   | Birch                            |                                     |                     |   |                                | Date                    | March 1     | 7, 2006        |

03/24/2006 ATRAN1

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## AMENDMENT TRANSMITTAL LETTER

Docket No. 1254-0268PUS1

| Application N    | 0.    |
|------------------|-------|
| 10/523,107-Conf. | #8412 |

Filing Date February 3, 2005 Examiner
Not Yet Assigned

Art Unit 2875

MAR 1 7 2006

pplicant(s): Yutaka INOUE et al.

Invention: INVERTER CIRCUIT, FLUORESCENT TUBE LIGHTING APPARATUS, BACKLIGHT APPARATUS, AND LIQUID CRYSTAL DISPLAY

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

|  |   | CLAIM                                   | S AS AMENI                        | DED     |              |                      |
|--|---|---|-----------------------------------|---------|--------------|----------------------|
|  | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present |         | Rate         |                      |
| Total Claims   | 38  | - 20 =                                  | 18                                | Х       | 50.00        | 900.00               |
| ndependent<br>Claims   | 9   | - 3 =                                   | 6                                 | х       | 200.00       | 1,200.00             |
| Multiple Depen   | dent Claims (ch                           | eck if applicabl                        | e)                                |         |              |                      |
| Other fee (pleas   | se specify):                              |   |                                   |         |              |                      |
| TOTAL ADDIT  | IONAL FEE FO                              | OR THIS AME                             | NDMENT:                           |         |              | 2,100.00             |
| x Large Entity   | ′   |   |                                   |         | Small Entity | /                    |
| No addition  | al fee is require                         | d for this amer                         | ndment.                           |         |              |                      |
|  | ge Deposit Acc                            |   |                                   | the a   | mount of \$  | ·                    |
| A check in t   | he amount of \$                           | 2,100.00                                | is enclo                          | sed.    |              |                      |
| =  | credit card. Fo                           |   |                                   |         |              |                      |
| The Directo  | r is hereby auth<br>d below. A dup        | orized to char                          | ge and credit                     |         |              | No02-2448            |
| x Credit a   | ny overpaymer                             | gt. /                                   |                                   |         |              |                      |
| Charge   | any additional fil                        | ng or application                       | n processing                      | ees red | quired under | 37 CFR 1.16 and 1.17 |
| Tervell O. Birch   | r '//                                     | ul!                                     |                                   |         | Dated:       | March 17, 2006       |
| BIRCH, STEW<br>3110 Gatehous<br>Suite 100 East<br>P.O. Box 747 | • • • • • • •                             | H & BIRCH, LI                           | _P                                |         |              |                      |

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Falls Church, Virginia 22040-0747



Docket No.: 1254-0268PUS1

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Yutaka INOUE et al.

Application No.: 10/523,107

Filed: February 3, 2005 Art Unit: 2875

For: INVERTER CIRCUIT, FLUORESCENT TUBE

LIGHTING APPARATUS, BACKLIGHT APPARATUS, AND LIQUID CRYSTAL

DISPLAY

Examiner: Not Yet Assigned

Confirmation No.: 8412

## **PRELIMINARY AMENDMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the present application.

This preliminary amendment includes:

- Amended Claim Set; and
- Remarks.